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(30) Priority

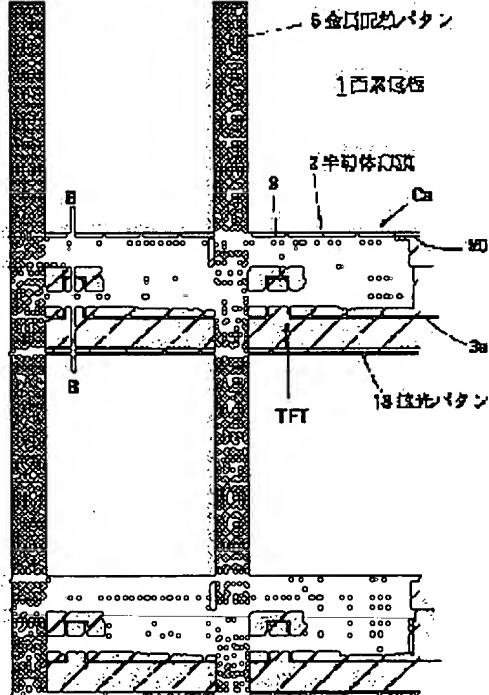
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(54) DISPLAY DEVICE

(57) Abstract:

PURPOSE: To provide a metal black matrix structure which is suppressed in capacitor coupling and shorting defects while the margins at the joints between a counter substrate and a driving substrate are decreased.

CONSTITUTION: This display device has the panel structure provided with the driving substrate contg. pixels arranged in a matrix form, the counter substrate joined to the driving substrate including counter electrodes and joined to the driving substrate via a prescribed spacing and liquid crystals held in the spacing between both. The driving substrate has pixel electrodes 1 arranged by every pixel, color filters arranged by matching to the respective pixel electrodes 1, TFTs driving the respective pixel electrodes 1 and metallic wiring patterns 6 for supplying image signals to TFTs in column units arranged along the column direction of the pixels. As against the arrangement, the counter substrate has light shielding patterns 13 arranged along the row direction of the pixels. The metallic wiring patterns 6 and the light shielding parts 13 intersect with each other across the liquid crystal, thereby constituting a grid-like black matrix in combination and shielding the light around the individual pixel electrodes 1. If driving circuits are formed around the screen contg. the pixel electrodes 1 and the TFTs, these circuits are preferably provided



with a black matrix on the counter substrate side.

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